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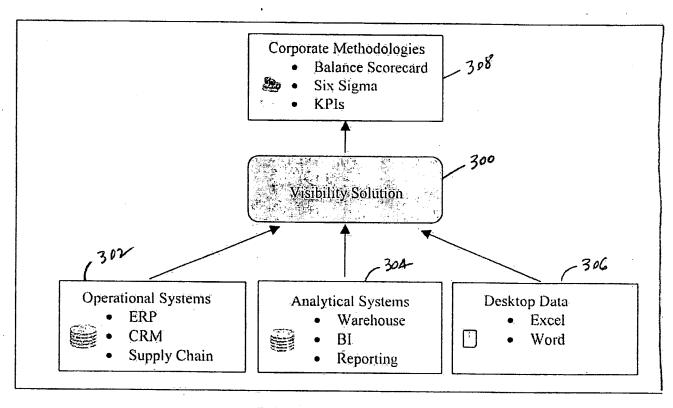
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FIGURE

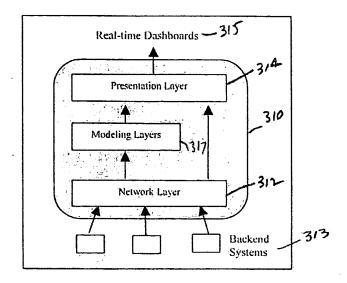


FIGURE 2

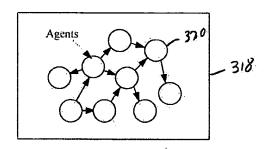


FIGURE 3

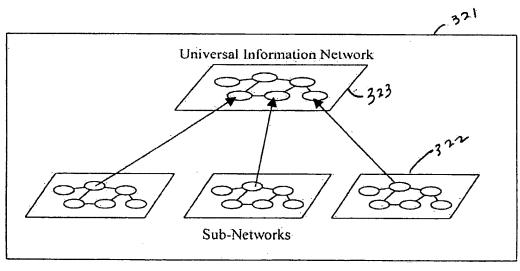


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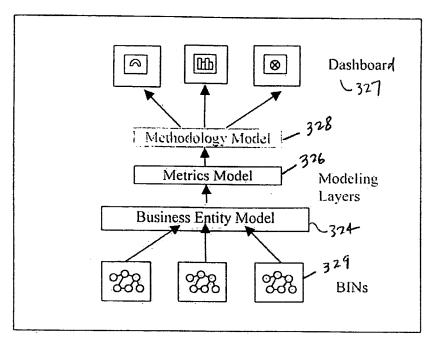


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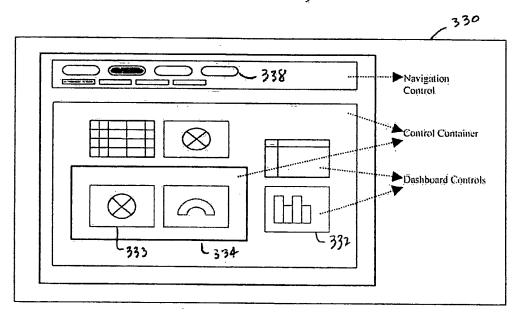
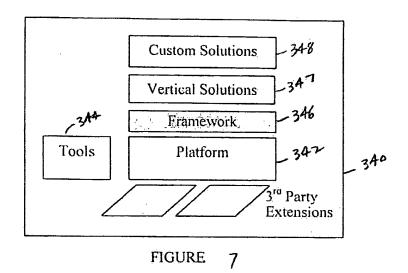


FIGURE 6



370 Designer Framework Dashboard Framework 368 Designer Studio Presentation Services Buşiness Services Common 364 BIN Services Threshold Alert Services Monitor' Notify 362 Framework Message BIN 359 Service Runtime Metrics Alert Analytics Security Model BIŃ Service Memt. Hyper Inventory. Lóg Notify BIN Cube Service Admin. Service Framework Container Registry Monitor Session

FIGURE 8

Page 5 of 26 PROVIDING ENTERPRISE INFORMATION Alok Batra et al. 16912-002001

Category	Description	Services / Subsystems	Dependencies
Infrastructure	Set of services that provide	Container	1
	the Service Framework.	Registry	
	Every service complies with	Monitor	
	the service framework.	Session	
Common	Used by all other services	Message	Common
	for all common application	Security	
	logic.	Log	
		Cache	
Base	Base level independent	HyperCube	Common
	Services.	Inventory	
		Notify	
	Set of services that provide	BIN Runtime	Common
BIN	BIN (Business Information	BIN Management	
	Network) framework.	BIN Admin	
		BIN Publisher	
	Application-level Services	Metrics Model	Common
Application	that uses Base Services.	Alert	Base
	Modular services that do not	Assembly	
	directly address business	Analytics	
	requirements.		
	Set of services that address	Threshold Monitor	Common
	business requirements. Uses	Alert Notify	Base
Business	other services to provide		BIN
	integrated functionalities.		Application
			Business
Presentation	Services that manage and	Presentation Runtime	Common
	render dashboards.	Presentation	BIN
		Management	Base
			Application
			Business
Designer	Provides Framework for	Dashboard Designer	Common
	CXO Studio.	Network Builder	BIN
		Metrics Modeler	Base
		User Manger	Application
		Alerts Manger	Business

FIGURE

Page 6 of 26 PROVIDING ENTERPRISE INFORMATION Alok Batra et al. 16912-002001

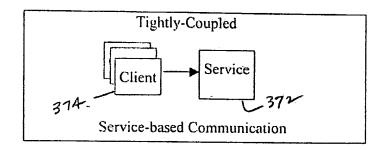


FIGURE 10

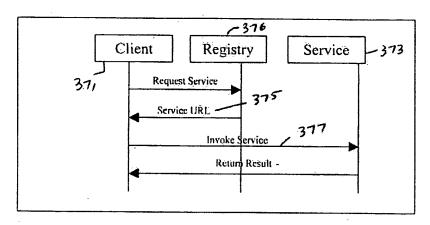


FIGURE (

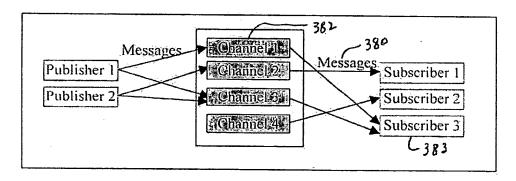
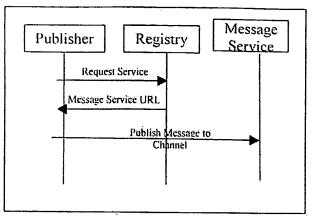


FIGURE 12

Page 7 of 26 PROVIDING ENTERPRISE INFORMATION Alok Batra et al. 16912-002001



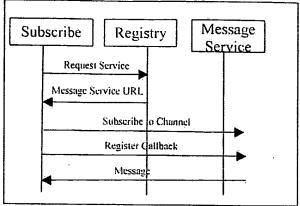


FIGURE 13

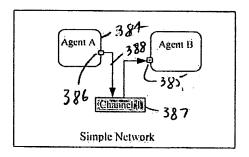


FIGURE 14

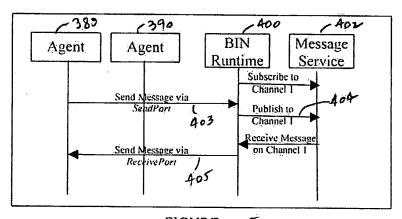


FIGURE 15

Page 8 of 26 PROVIDING ENTERPRISE INFORMATION Alok Batra et al. 16912-002001

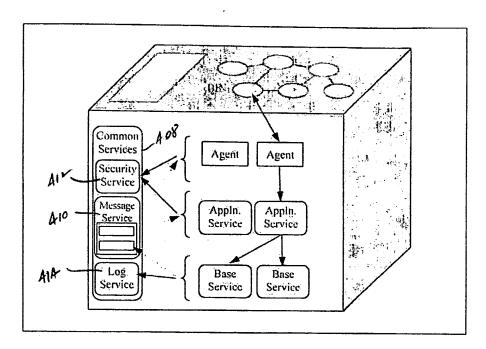


FIGURE 6

Page 9 of 26 PROVIDING ENTERPRISE INFORMATION Alok Batra et al. 16912-002001

Category	Services	Can Assau
Category	Container	Can Access
		None
Infrastructure	Registry	
	Monitor	
	Session	
	Message	Common Services
Common	Security	Message
	Log	Security
	1,	Log
	HyperCube	Common Services
Base	Inventory	Message
	Notify	Security
		Log
DDI	BIN Runtime	Common Services
BIN	BIN Management	Message
	BIN Admin	Security
	BIN Publisher	Log
	Metrics Model	Common Services
	Alert	Message
	Assembly	Security
Application	Analytics	Log
- App.		Base
		HyperCube
		Inventory
		Notify
	Presentation Runtime	Common
	Presentation	Message
	Management	Security
]	-	Log
		Base
		HyperCube
Presentation		Inventory
	·	Notify
		Application
		Metrics Model
	•	Alert
		Assembly
		Analytics
	Dashboard Designer	All Services
n	Network Builder	
Designer	Metrics Modeler	
	User Manger	·
	Alerts Manger	

Page 10 of 26 PROVIDING ENTERPRISE INFORMATION Alok Batra et al. 16912-002001

Service	Channel Name	Message Type	Description
Log	System.Log	LogMessage	Log Information is published in this channel by any client.
Security	System.Security	UserMessage	Security Service publishes Messages when Users are added or dropped in the system. Other services can use this channel for synchronizing their internal state.

FIGURE 18

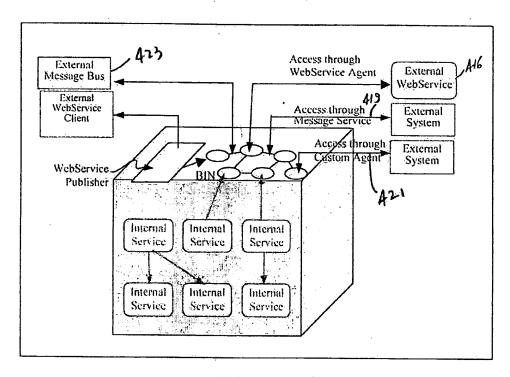


FIGURE 19

Page 11 of 26 PROVIDING ENTERPRISE INFORMATION Alok Batra et al. 16912-002001

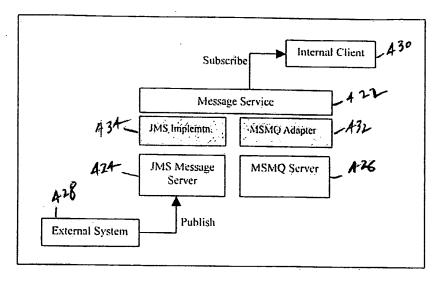


FIGURE >

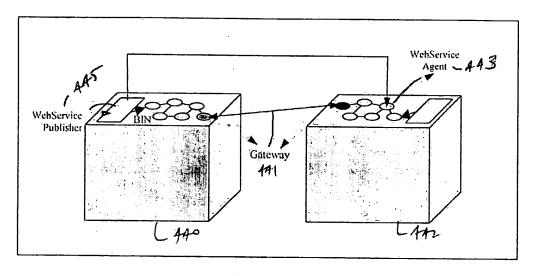


FIGURE 21

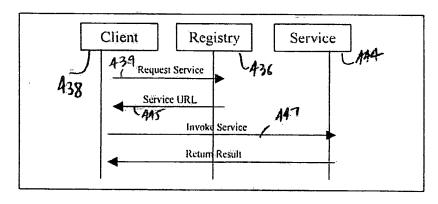


FIGURE 12

Page 13 of 26 PROVIDING ENTERPRISE INFORMATION Alok Batra et al. 16912-002001

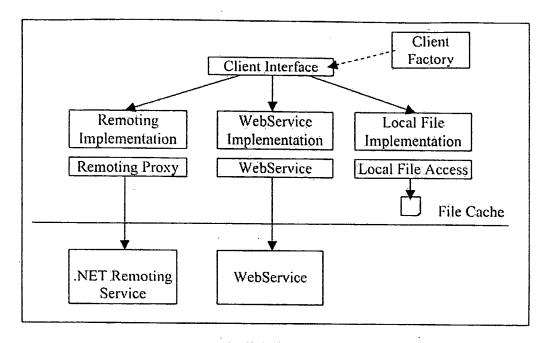


FIGURE 23

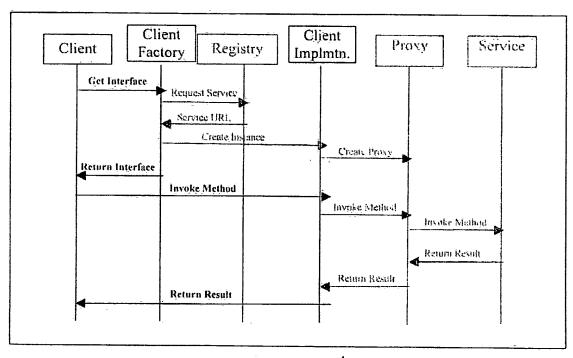


FIGURE 74

Page 14 of 26 PROVIDING ENTERPRISE INFORMATION Alok Batra et al. 16912-002001

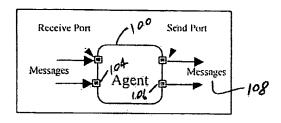


FIGURE 25

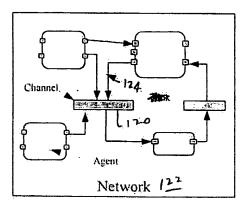
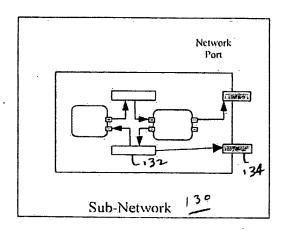


FIGURE 26



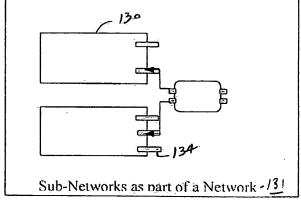


FIGURE 27

FIGURE 28

Page 15 of 26
PROVIDING ENTERPRISE INFORMATION
Alok Batra et al.
16912-002001

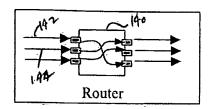


FIGURE 29

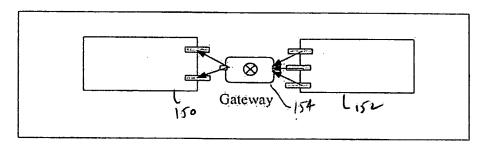


FIGURE 30

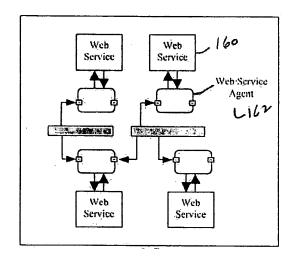


FIGURE 31

Page 16 of 26 PROVIDING ENTERPRISE INFORMATION Alok Batra et al. 16912-002001

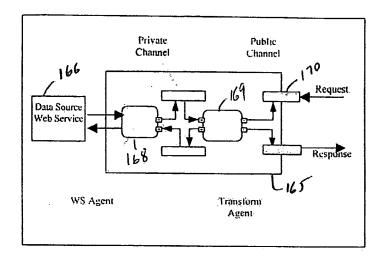


FIGURE 32

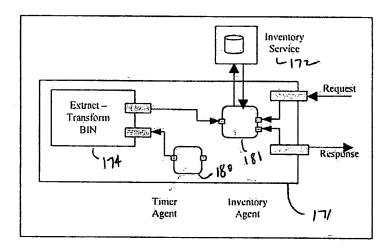


FIGURE 33

Page 17 of 26 PROVIDING ENTERPRISE INFORMATION Alok Batra et al. 16912-002001

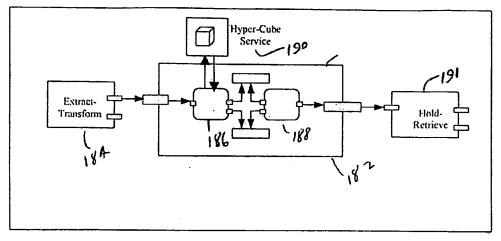


FIGURE 34

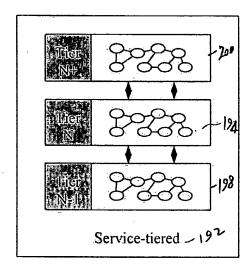


FIGURE 35

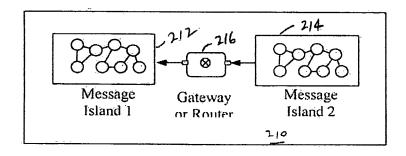


FIGURE 36

Page 18 of 26 PROVIDING ENTERPRISE INFORMATION Alok Batra et al. 16912-002001

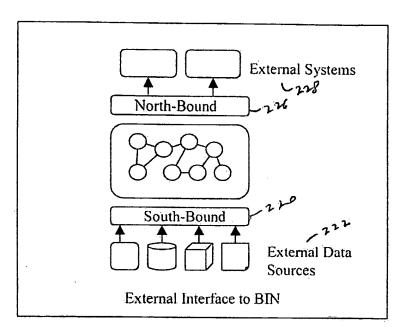
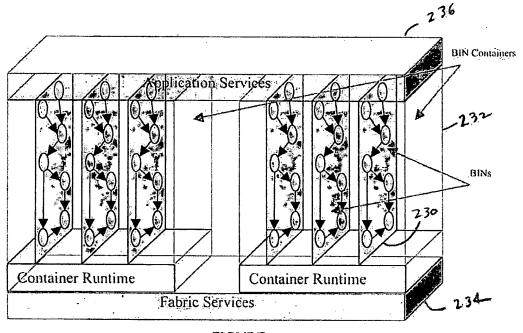


FIGURE 37



FIGURE

Page 20 of 26 PROVIDING ENTERPRISE INFORMATION Alok Batra et al. 16912-002001

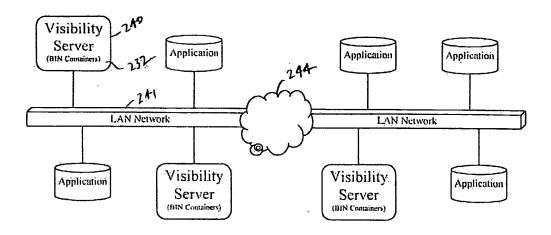


FIGURE 39

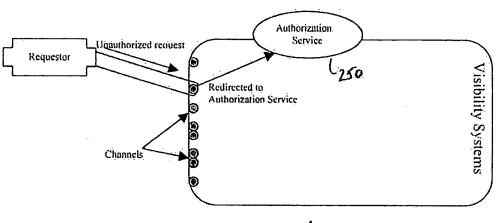
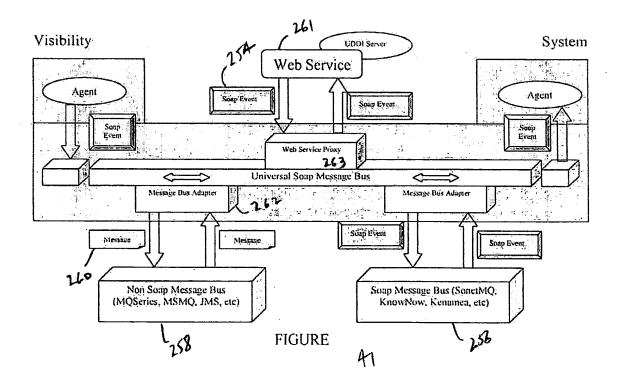


FIGURE 49



Page 22 of 26 PROVIDING ENTERPRISE INFORMATION Alok Batra et al. 16912-002001

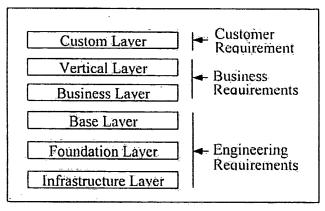
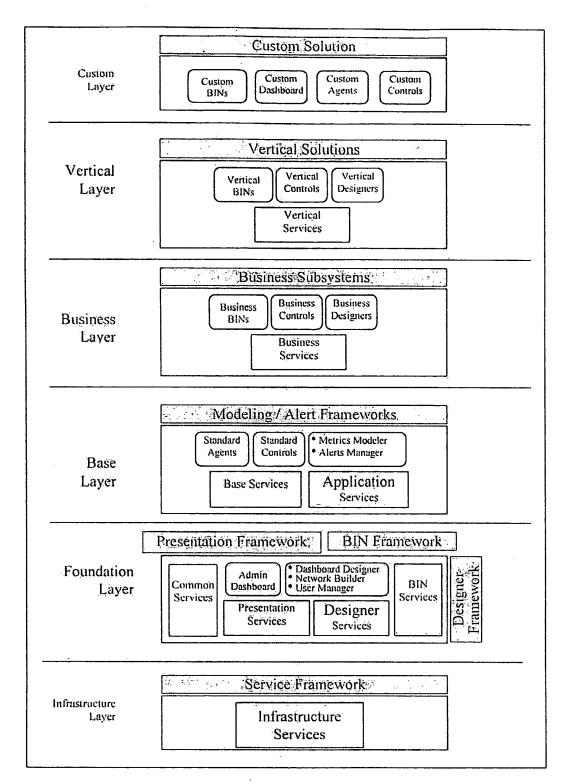


FIGURE A

Page 23 of 26 PROVIDING ENTERPRISE INFORMATION Alok Batra et al. 16912-002001



FIGURE

Page 24 of 26 PROVIDING ENTERPRISE INFORMATION Alok Batra et al. 16912-002001

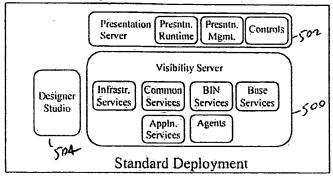


FIGURE 44

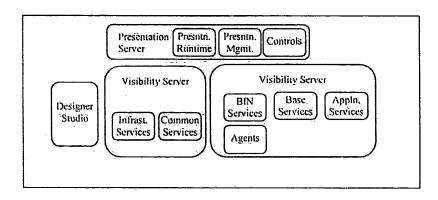


FIGURE 47

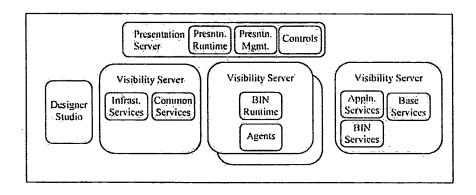
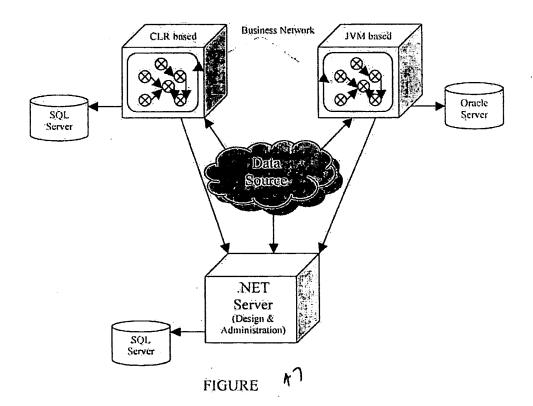


FIGURE 46



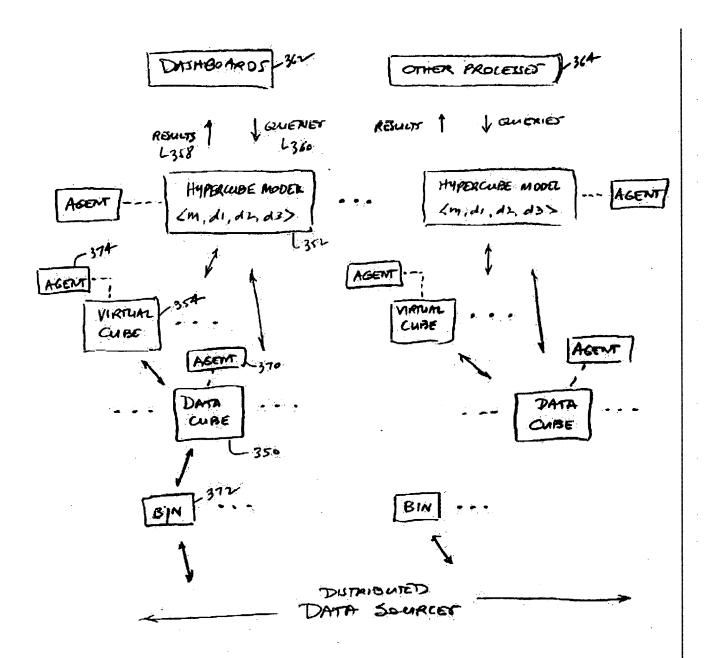


FIGURE 48